

ORIGINAL

UNITED STATES DEPARTMENT OF AGRICULTURE

FOREST SERVICE

S
PLANS-Klamath
Timber Management
Yreka Working Circle

Klamath River, California
March 16, 1953

STREAMLINE MANAGEMENT PLAN

YREKA WORKING CIRCLE



TRANSFERRED

JOHN S. HALL
DISTRICT RANGER

FILE COPY

S
PLANS - Klamath
Timber Management
Yreka Working Circle

Klamath River, California

March 16, 1953

STREAMLINE MANAGEMENT PLAN
YREKA WORKING CIRCLE

Submitted:

Approved:

By John S. Hall
District Ranger

March 23 1953

R. W. Bowler
Forest Supervisor

APR 10 1953 1953

1 cc Chief 4-10-53
2 cc Klamath 4-10-53

Dayne
ACTING Regional Forester

C O N T E N T S

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1. Resource Data:

Ownership	<u>Land Ownership, Area, Volume</u>		
	Gross Area M Acres	Productive Timber Area M Acres	Merchantable Volume MMBM
National Forest	105.8	43.0	942
O&C Administration All In Oregon	8.0	6.0	81
Private	90.5	43.1	967
Total	205.3	92.1	1990

Area Cutover

Period	National Forest	Area in Acres O&C	Private	Total
1948-52	4,290	0	11,660	15,950
1943-48	870	0	1,840	2,710
Prior to 1943	4,220	1,800	33,700	39,720
Total	9,380	1,800	47,200*	58,380

* 90% cutover by Fruit Growers Supply Co.

Management is on the basis of Forest Service lands. The land ownership pattern is made up of intermixed government and private. See ownership map in the appendix. Large private owners in order of area and volume of holdings are:

<u>Owners</u>	<u>% of Total Private Area</u>
Fruit Growers Supply Co. of Hilt, Calif.	43
Southern Pacific Railroad	26
J. F. Sharp Lumber Co. of Yreka, Calif.	2
Minor owners (Mostly non-timbered)	29

Coordination in harvesting will be arranged with O&C, but has not yet been achieved with the Fruit Growers Supply Co. and the Southern Pacific. Most of the J. F. Sharp Lumber Co. volume is in the Humbug precutting exchange.

2. Transportation Situation:

The principal points of manufacture are Hilt and Yreka. With U.S. 99 Highway, which borders the east side of the working circle, there are four main routes for the timber, namely:

- (1.) Greenhorn County Road - adequate for volume involved, serving Timber Management Unit 11.
- (2.) Humbug Access Road, FS4501 - adequate, serving unit 10.
- (3.) Klamath River Highway, FH 2, State Route 96 - needs much improvement - State responsibility. Serving Units 2, 3, 4, 8B, and 9.
- (4.) Beaver Creek - Hungary - W. Fork Cottonwood, FS 4707 & 4801 - 1/3 adequate, Improvement should be joint responsibility of Fruit Growers Supply Co. and the U. S. Forest Service. Logs can be hauled either down Beaver Creek to the Klamath River or up Beaver Creek to Hilt. Serving Units 1, 2, 3, & 4.

The remainder of the roads on the transportation system map should be brought to economical log hauling standards by timber operators, under the supervision of a Forest Service Engineer, during the course of sales. Temporary spur roads should be constructed by operators in locations approved by the Forest Service. The Highway bridges at Walker and Gottville are inadequate, and must be improved to economically operate Units 8B & 9.

3. Silvicultural System:

Cutting will be on a selective basis designed to decrease losses by removal of poor risk trees and to improve growing conditions in the stand. It is estimated that marking on the above basis will result in the removal of approximately 40% of the volume during the first cutting cycle. See R-5 Timber Management Handbook for marking instructions.

Instances may arise where the cost of operation are such that some stands are not economically operable on the above basis. These stands should ordinarily be deferred until later in the cutting cycle when they will be operable, but when silvicultural or economic conditions are such that these stands must be logged, the least thrifty of the overmature trees may be marked if this will make the stand operable.

The Beaver Creek Blister Rust Control Unit, consisting of 5,800 acres cut over, 3,500 acres virgin, is located in upper Beaver Creek on Management Units 1, 2, & 3. Management will favor Sugar Pine by release cutting during harvesting and stand improvement. Re-eradication will be timed to follow cutting.

4. Annual Cut: - $11\frac{1}{2}$ MM ft B.M. - 1 st cycle, 32 years.

To place the overmature stands in a growing condition and utilize the high risk trees, the allowable cut for the first cutting cycle is established on the bases of $1\frac{1}{2}$ times the growth expected on the reserve stand after logging. ~~Net~~ annual growth for the working circle is established at 7,770 M ft. based on the permanent plot growth factors obtained during the Beaver Creek B.R.C. study of 1949-50, see appendix for calculations. On this basis the allowable annual cut would be $11\frac{1}{2}$ MM feet. In order to coordinate harvesting with private land cutting and to permit the most efficient development of a transportation system for the intermingled ownerships, the allowable cut for the National Forest timber is estimated on a periodic basis. Not more than $34\frac{1}{2}$ million feet of National Forest timber will be cut during any three year period, during the first cutting cycle.

The allowable cut during the second cutting cycle will not exceed current net growth. On the basis of an average allowable cut of $11\frac{1}{2}$ MM per year and an estimated cut of 371 MM feet total for the first cutting cycle, it will take 32 years to complete the cycle. In addition to the area proposed to be harvested under the plan, there are 4,290 acres of government land cut over between 1920 and 1944 upon which the growth can be calculated for the second cutting cycle.

5. Sales Policy:

Timber cutting and recreation: Cutting if any on roadside strips along the following roads will be regulated so as to preserve recreational values:

- a. Beaver Creek to Grouse Creek and West Beaver to Cinnabar 300 foot strip, on either side of centerline.
- b. Humbug Creek - 200 foot scenic strip.
- c. Dry Lake Road, Siskiyou Summit road and Cinnabar to Beargrounds 100 foot strip.

Timber will be appraised to the nearest band mill, railhead combination, but logs may be processed anywhere. Sales will be of sufficient size for a one or two year cut by an existing mill. Bidding will be in accord with Regional Policy NFM-B-204.11, ~~H~~-5 Supplement. On this basis sealed bids will be required on sales in this working circle.

The allowable cut will ordinarily be offered on a basis that will permit the best development of access to the intermingled ownership and encourage a uniform annual cut from the combined ownerships. Areas with the greatest proportion of poor risk trees should be cut early in the cutting cycle. Fir stands will be offered at times when the market permits their operations. Slash will be disposed of in accordance with Regional Policy NF Title 7 102.13 Regional Foresters instructions and slash disposal plans adapted to the conditions of each sale area.

Erosion control measures will be undertaken in accordance with policy established in NF Title 7, 212.53.

In readily accessible places, Incense Cedar will be reserved from timber sales, for later fence post sales to local ranchers.

Klamath Forest
Yreka W.C.
Yreka R.D.

CUTTING BUDGET AND SALES PROGRAM
(To Be Revised Annually By February 15)
Fiscal Year 19 59 Through 19 64

Sheet 1 of 2 Sheets

Sale Designation or Proposed Sale	Date To Be Ad- vertised	Volume & Area		Fiscal Year Estimated Cut By Year(MM)						Access Road Construction Required					
		MM	Acres	19 <u>59</u>	19 <u>60</u>	19 <u>61</u>	19 <u>62</u>	19 <u>63</u>	19 <u>64</u>	Forest Service			Purchaser Standard		
										No.	Miles	Cost	Road No.	Miles	Cost
<u>UNDER CONTRACT:</u>				(2nd half)											
West Fork #1		.2	35	.2											
<u>PROPOSED SALES:</u>															
<u>2nd Half FY 1959</u>															
Doggett Creek	3/15/59	7.5	1600	2.0	5.5								47N58C	1.0	SL-12
													47N58B	0.7	SL-12
													46N47	0.8	SH-16
Dona Creek	6/15/59	2.0	400		2.0								46N51	4.1	SL-12
													46N51B	1.0	SL-12
<u>1st Half FY 1960</u>															
Cow Creek #1	10/15/59	11.0	700		5.0	6.0							41S15	2.7	SH-16
													40S17	0.6	SH-16
<u>2nd Half FY 1960</u>															
Woodchopper	4/1/60	1.0	500		1.0								47N29	5.5	SH-16
													47N28	1.7	SH-16
<u>FY 1961</u>															
Cow Creek #2	5/1/61	11.0	700			5.0	6.0						41S15	1.0	SL-12
													41S15B	2.0	SL-12
Clear Creek #3	6/1/61	1.0	500				1.0						46N18	2.6	SH-16
													46N29	5.5	SH-16
													46N22	2.0	SL-12
													41S15	1.0	SL-12
													41S15B	2.0	SL-12
Totals -Sub	-	33.7	4435	2.2	13.5	11.0	7.0	-	-	-			-	34.2	-

Instructions: Include all sales under contract and sales proposed for advertising during budget period. Show sale volume to nearest tenth of MM feet and area of sale in acres for proposed sales, and uncut volume and area for existing sales. Show miles of required "on-system" road construction and estimated cost by project and sale. Indicate all sales not chargeable to allowable annual cut by footnote, as 1/ Salvage, or 2/Thinnings in immature stands.

254-R5-MAY 1958

CUTTING BUDGET AND SALES PROGRAM
 (To Be Revised Annually By February 15)
 Fiscal Year 19 59 Through 1964

Klamath Forest

Yreka W.C.

Yreka R.D.

Sheet 2 of 2 sheets

Sale Designation or Proposed Sale	Date To Be Ad- vertised	Volume & Area		Fiscal Year Estimated Cut By Year(MM)						Access Road Construction Required						
				1959 1960 1961 1962 1963 1964						Forest Service			Purchaser		Standard	
		MM	Acres	(2nd Half)							No.	Miles	Cost	Road No.	Miles	Cost
FY 1962																
Cow Creek #3	Spring	10.0	600					4.0	6.0					41S12	1.6	SH-16
														41S17	2.0	SH-16
North Hungry #1	Spring	2.0	1000					2.0						41S04.2	1.6	SH-16
														41S12	1.6	SH-16
F.Y. 1963														40S17	2.0	SH-16
Cow Creek #4	Spring	10.0	700						4.0	6.0				40S17	1.2	SH-16
														41S15B	1.1	SL-12
														41S12	0.2	SH-16
North Hungry #2	Spring	2.0	500						2.0					41S04.1	1.8	SH-16
														40S17	1.2	SH-16
														41S15B	1.1	SL-12
														41S12	0.2	SH-16
F.Y. 1964																
Cow Creek #5	Spring	10.0	1000							4.0				40S17	1.3	SH-16
														40S01A	1.5	SL-12
														41S12	0.4	SH-16
Doe Peak	Spring	2.0	1200							2.0				40S01B	2.5	SL-12
														40S17	1.3	SH-16
														40S01A	1.5	SL-12
														41S12	0.4	SH-16
Totals- Grand		69.7	9435	2.2	13.5	11.0	13.0	12.0	12.0					-	58.7	-

Instructions: Include all sales under contract and sales proposed for advertising during budget period. Show sale volume to nearest tenth of MM feet and area of sale in acres for proposed sales, and uncut volume and area for existing sales. Show miles of required "on-system" road construction and estimated cost by project and sale. Indicate all sales not chargeable to allowable annual cut by footnote, as 1/ Salvage, or 2/Thinnings in immature stands.

254-R5-MAY 1958

National Forest

1960

(Show all sales under contract and sales proposed for advertising by year.)

By: _____

X Will ~~definitely~~ sell in 1956

SEP 3 1956

Five-year Cutting Budget and Sale Program C.Y. 1955-1956-1957-1958-1959 Inclusive.

(Show all sales under contract and sales proposed for advertising by year.)

Name of Sale or Proposed Sale & Date of Advertisement	Total Volume in Sale MBM	Estimated Cut for Each C.Y.:			Access Road Construction (on System & M-4 Roads)					
		1955-1956-1957-1958-1959			Each Year					
		Year	MBM	Acres	By Forest Service			By Operator		
					Road Number	Miles	Cost	Road Number	Miles	Cost
Middle Fork, Humbug	8,000	55	3,000	400				4502A	2	\$7,000
Middle Fork, Humbug		56	5,000	900				-	-	
Doggett Creek	1,000	55	1,000	640				4614	3.5	\$33,000
Wood Chopper	2,000	55	2,000	640				-	-	
Sterling Mt.	3,000	55	3,000	600				4909	1	\$3,500
West Fork Beaver	13,000	56-58	6,000	700				4707	5.6	\$150,000
		57	6,000	700				& 4806	7.4	\$40,000
		58	1,000	100				-	-	
Clear Creek-Craggy	12,000	57	6,000	480				4606A	6	\$30,000
		58	6,000	600						
Dutch Creek	18,000	58	6,000	250				4708	3	\$15,000
		59	6,000	250						
		60	6,000	300						
Rider Gulch	5,000	59	5,000	700				4501	6.4	\$35,000

Approved _____

Revised: _____

(Date)

254-R5 Revised 12-27-54

Supersedes Revision 12-22-53

By: _____

6. Cutting Budget:

KEY		Roads - Main		Access			
Area - Year	Location	Area : Acres	Responsible : FS	Oper: #	Road : Mileage	Constr: Better	Mtce
& Vol.-MM	:	:	:	:	:	:	:
A-53-54-12	:Humbug - Sucker Cr, Middle	:1200	:	X	: 4501:	:	: 13
B-55-56-12	: & South Fork.	:1200	:	X	: 4501:	:	: 13
C-57- 6	:Humbug & Rider Gl.	: 800	:	X	: 4501:	:	: 13
COOPERATION WITH F.G.S. CO. ON R/W NOT COMPLETE:					:	:	:
D-52- 3 $\frac{1}{2}$:Deer Camp-Dry Lake	: 600	:	X	: 4709:	:	: 12
E-53 3 $\frac{1}{2}$:Round Mtn-Doggett Cr.	: 500	:	X	: 4707:	:	: $\frac{1}{2}$
L-53 2	:Hornbrook Area	: 160	:	X	: --- :	:	: --
F-54 5 $\frac{1}{2}$:Below Deer Camp (Dry Lake)	: 520	:	X	: 4709:	:	: 12
H-55 4	:W. Fork Beaver Cr.	: 640	:	X	: 4801:	: 2(a)	: 6
	:	:	:	:	: 4707:	:	:
Q-55 2	:Mouth Of Hungry Cr.	: 400	:	X	: 4707:	:	: 11
	:	:	:	:	: 4801:	:	:
J-56 5	:W. Fork Beaver Cr.	: 480	:	X	: 4707:	: 2(a)	: 8
	:	:	:	:	: 4806:	:	:
K 57 4	:W. Fork Beaver Cr.	: 200	:	X	: 4707:	:	: 11
	:	:	:	:	: 4806:	: 2(a)	: 11
P 57 1	: Four Corners	: 160	:	X	:04901:	:	:
	:	:	:	:	: 4803:	:	: 15
Q 57 1	: Hungary Cr. Lookout	: 160	:	X	: 4804:	:	:
	:	:	:	:	: 4801:	:	:
ALTERNATE AREAS WHEN COOPERATION OBTAINED ON R/W FROM FRUIT GROWERS SUPPLY CO,					:	:	:
D 52 3 $\frac{1}{2}$: Deer Camp - Dry Lake	: 600	:	X	: 4709:	:	: 12
*E 53 3 $\frac{1}{2}$: Round Mt.-Doggett Cr.	: 500	:	X	: 4707:	:	: $\frac{1}{2}$
L 53 2	: Hornbrook	: 160	:	X	: -- :	:	:
F 54 5 $\frac{1}{2}$: Below Deer Camp (Dry Lake)	: 520	:	X	: 4707:	:	: 12
*G 55 5	: Lungrey	: 640	:	X	: 4804:	:	: 3
**N 56-57 12	: Dutch Cr. (Beaver Cr.)	: 640	:	X	: 4801:}	: 5(b)	: 18
**M 58 4	: Dutch Cr. (Beaver Cr.)	: 320	:	X	: 4801:}	:	:

* Interchangable - or E entirely eliminated

** Only if requested by Fruit Growers Supply Co.

(a) Mouth of Beaver to W. Fork Beaver to CC standard on 4707.

(b) Mouth of W. Fork to mouth of Hungrey Creek DD standard on 4801.

APPENDIX

Calculation of Growth

Growth of density 4 - Discounted 100% because of poor site and doubtful accessibility.

<u>Age-Density Factors</u>	<u>Acres N.F.</u>	<u>BRC Plot Study Growth Per Acre</u>
OY	--	--
O-2	--	--
O-3	41	130
O-4	--	--
OY-1	4364	263
OY-2	3913	235
OY-3	8277	143
OY-4	3090	Nil
YO-1	1601	240 (Est.)
YO-2	6093	161
YO-3	12693	140
YO-4	8533	Nil
Y-1	287	603*
Y-2	41	411*
Y-3	779	211*
Y-4	2422	Nil*
Y-5	--	Nil

Total for merchantable area covered by age-density-type map - 6,753 M
Ratio of total volume - - - - - 1.15065

Total Annual Net Growth

Allowable 1st cycle cut - $1\frac{1}{2}$ X growth

7,770 M

11.65 M

Rounded to $11\frac{1}{2}$ MM

* Estimated growth based on Beaver Creek BRD Factor/ Forest Survey Factor

= 84.4%

Forest Survey Factor X 84.4% = growth per acre used.

APPENDIX (Cont.)

Area By Age Class and Ownership - California only
No Classification for Oregon

<u>Age Class</u>	<u>National Forest</u>	<u>Private</u>	<u>Total</u>
<u>Merchantable</u> Density 1, 2, & 3	34,560	34,306	68,866
<u>Doubtful Merch.</u> Density 4	14,045	15,401	29,446
<u>Young Growth</u> Y	3,529	5,718	9,247
<u>Deforested</u> Y5, 5	11,417	11,518	22,935
<u>Non-timber</u> N, N-N/	25,956	17,341	43,297
Total Area	89,507	84,284	173,791
Total Area - Oregon & unclassified California - O&C included with private.	16,300	15,200	31,500
Grand Total	105,807	99,484	205,291

S-IMPROVEMENTS, Timber Access Roads
E-ROADS & TRAILS, Programs (Timber Access Roads)



1/16/53

TIMBER MANAGEMENT ACCESS ROAD REPORT

Yreka

Working Circle

Region 5

State of California

Klamath National Forest

1. Forest Development Road System

Existing

Satisfactory: Unsatisfactory: Ultimate System

a. Timber access roads	<u>132.7</u> Miles	<u>60.8</u> Miles	<u>221.5</u> Miles
b. General-purpose roads serving timber.	<u>-</u> Miles	<u>-</u> Miles	<u>-</u> Miles

2. Timber Production

a. Sustained yield cutting capacity - next 10-year period	<u>10</u>	MMBF Annually
b. Current rate of cutting, N. F. timber	<u>10</u>	MMBF Annually
c. Current rate of cutting, Other timber	<u>20</u>	MMBF Annually
d. Effect upon current rate of cutting N.F. timber if public access road construction funds are completely discontinued.	<u>-</u>	MMBF Annually

3. Access Road Construction and Reconstruction Requirements

a. To maintain current rate of N.F. cutting

Average Annual Requirements

	<u>Miles</u>	:	<u>\$</u>
F. S. Construction	<u>-</u>	:	<u>11,200</u>
Other Public Construction	<u>-</u>	:	<u>-</u>
F. S. Operator Construction	<u>2.9</u>	:	<u>57,900</u>
Other Private Construction	<u>.7</u>	:	<u>6,100</u>

b. To increase rate of N. F. cutting to sustained yield capacity

Total Requirements

	<u>Miles</u>	:	<u>\$</u>
F. S. Construction		:	
Other Public Construction		:	
F. S. Operator Construction	<u>None</u>	:	
Other Private Construction		:	

c. To maintain increased rate of N. F. cutting at sustained yield level

Average Annual Requirements

	<u>Miles</u>	:	<u>\$</u>
F. S. Construction	<u>-</u>	:	<u>* 7,400</u>
Other Public Construction	<u>.3</u>	:	<u>3,500</u>
F. S. Operator Construction	<u>2.5</u>	:	<u>16,860</u>
Other Private Construction	<u>1.0</u>	:	<u>5,500</u>

* F.S. Engineering & Drainage

RO-122-R5
(2/1/52)

Exhibit #3

Forest Klamath
 Working Circle All
 Compartment

RECORD OF UNREGULATED TIMBER AND FOREST PRODUCTS CUT

YEAR	Miscellaneous Convertible Products - Volumes M Feet B.M.								Non-convertible Products	
	Pulpwood				Fuelwood	Ties	Misc.	TOTAL	Christmas	
	or	Poles	Posts		Cordwood		or	MBM	Trees	Miscellaneous
1955	Similar						Other		No. Trees	
Yreka			9					9	662	
Horse Creek								None		
Selad								None	177	
Happy Camp					10			10	100	
Somes Bar								None		20# Ferns
Salmon River								None		
South Scott			3					3	1160	
North Scott		1	11		2			14		
Total		1	23		12			36	2099	20# Ferns

RO-121-R5
 (2/1/52)

January 13, 1956

Exhibit #1

RECORD OF CUT - SAWTIMBER
(Separate sheet for each unit.)

1954

Forest Klamath
Working Circle ALL
Compartment

Volumes in M feet board measure									
	Ponderosa	Douglas	White Fir	Sugar	Lodgepole	Incense	Miscel-		
	and/or	Fir	and/or	Pine	Pine	Cedar	aneous		ACRES
Working Circle	Jeffrey		Red Fir				or	TOTALS	
	Pine						Other		
Happy Camp	2,529	48,380	528	8,266	-	450	368	60,592	4,886
Horse Creek	126	135	5	35	-	-	-	300	40
South Scott	141	58	69	24	2	18	-	313	30
North Scott	110	110	0	42	-	5	-	267	40
Yreka	4,759	4,258	4,686	1,732	-	140	-	15,575	2,240
Seiad	505	5,609	40	480	-	-	-	6,634	516
Salmon River	2,268	4,630	1,206	1,418	-	45	-	9,566	800
Somes Bar	-	-	-	-	-	-	-	-	-
Totals	10,508	63,180	6,534	11,997	2	658	368	93,247	8,642

TM, RO, February 1, 1952

1/14/55

RECORD OF CUT - SAWTIMBER
(Separate sheet for each unit.)

Compartment

Yreka

[illegible]

TM, RO, February 1, 1952

PO-122-R5

Exhibit #2

CUMULATIVE RECORD OF CUT - SAWTIMBER

Forest

Working Circle

Yreka

YEAR	Volume MBM		Acres		Volume MBM		Acres		Volume MBM		Acres	
	Cur- rent	Cumu- lative	Cur- rent	Cumu- lative	Cur- rent	Cumu- lative	Cur- rent	Cumu- lative	Cur- rent	Cumu- lative	Cur- rent	Cumu- lative
Prior to												
1943				4220								
1943-												
1951				4245		8465						
1952	9,491			915		9,360						
1953	10,311			1340		10,700						
1954												
1955												
1956												
1957	47,199			4710								

Total Annual Allowable Cut: 11.5 MM

TM, RO, February 1, 1952

RO-120-R5

✕

Working Circle

CONFIDENTIAL

7

[illegible]







TM, RO, February 1, 1952

RO-121-R5

S-PLANS-Klamath-Timber Management-Yreka Working Circle. Map to accompany Streamline Management Plan 3/16/53

TYPE MAP

YREKA WORKING CIRCLE YREKA DISTRICT - KLAMATH NATL FOREST

-  CUTOVER LAND
-  WORKING CIRCLE BOUNDRY
-  SUBDIVISION OF W.C.
-  PINE-FIR BOUNDRY
-  DENSITY DIVISIONS
-  PRODUCTIVE LAND

SCALE

By R.R. MILLER 12/17/52

R 9 W

R 8 W

R 7 W

T 48 N

T 47 N

T 46 N

T 45 N

T 44 N

R. 2 W.

R. 1 W.

R. 1 E.

R. 2 E.

TO KLAMATH FALLS, ORE.

OWNERSHIP MAP

YREKA WORKING CIRCLE

Yreka District - Klamath National Forest

T. 40 S.

WILLAMETTE MERIDIAN

T. 41 S.

T. 48 N.

MT. DIABLO MERIDIAN

T. 47 N.

T. 46 N.

T. 45 N.

TO KLAMATH FALLS, ORE.

S-PLANS- Timber Management-Yreka Working Circle.

OWNERSHIP MAP

Legend:

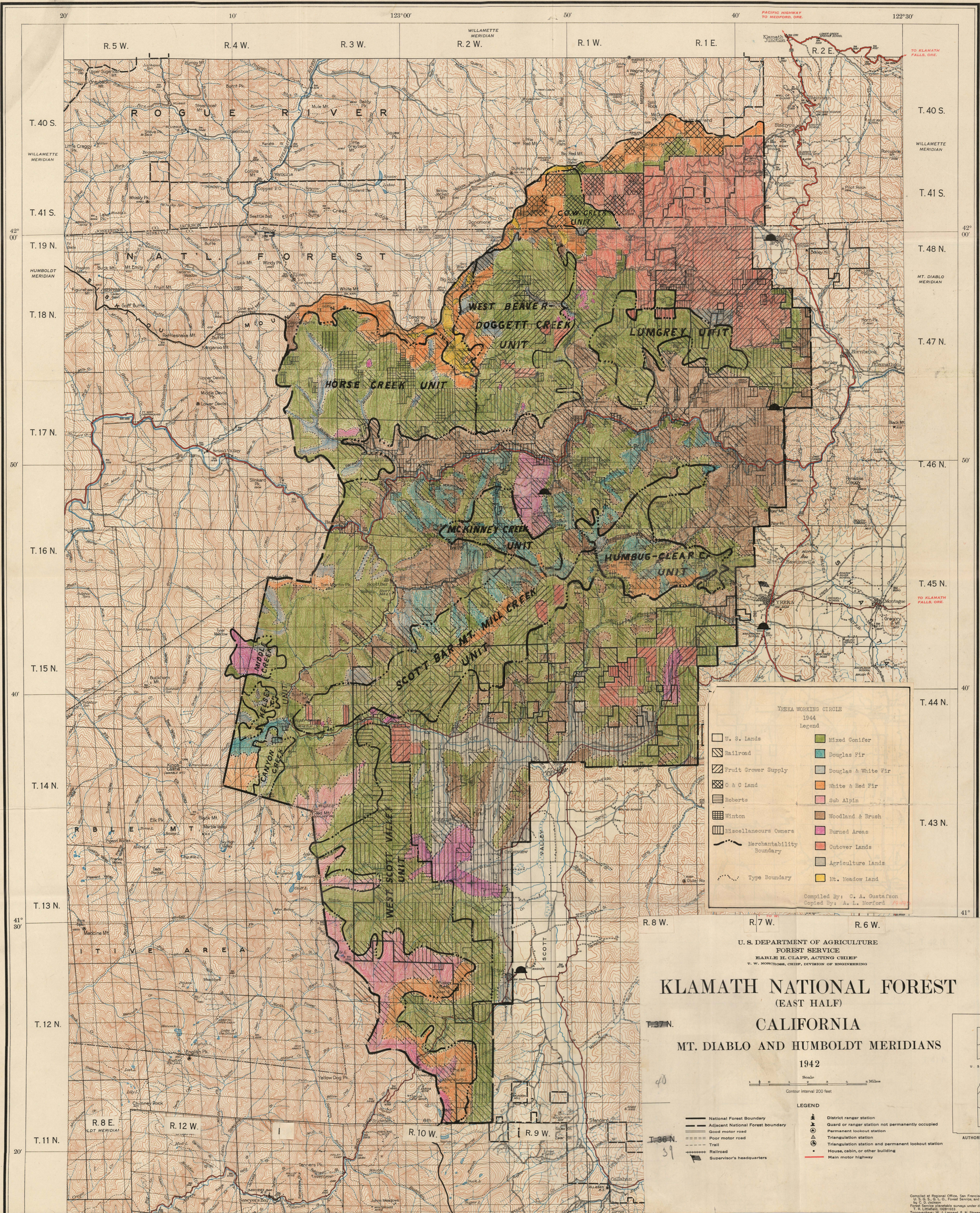
- U S Forest Service
- Small Private Holding
- S.P. RR
- O. & C.
- Fruit Growers Supply Co.

Map to accompany Streamline Management Plan dated 3/16/53.

42° 00'

50'

40'



YREKA WORKING CIRCLE
1944
Legend

U. S. Lands	Mixed Conifer
Railroad	Douglas Fir
Fruit Grower Supply	Douglas & White Fir
O & C Land	White & Red Fir
Roberts	Sub Alpin
Winton	Woodland & Brush
Miscellaneous Owners	Burned Areas
Merchantability Boundary	Cutover Lands
Type Boundary	Agriculture Lands
	Mt. Meadow Land

Compiled By: C. A. Gustafson
Copied By: A. L. Norford

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
EARLE H. CLAPP, ACTING CHIEF
T. W. NORCROSS, CHIEF, DIVISION OF ENGINEERING

KLAMATH NATIONAL FOREST

(EAST HALF)

CALIFORNIA

MT. DIABLO AND HUMBOLDT MERIDIANS

1942

Scale 1" = 1 Mile
Contour Interval 200 feet

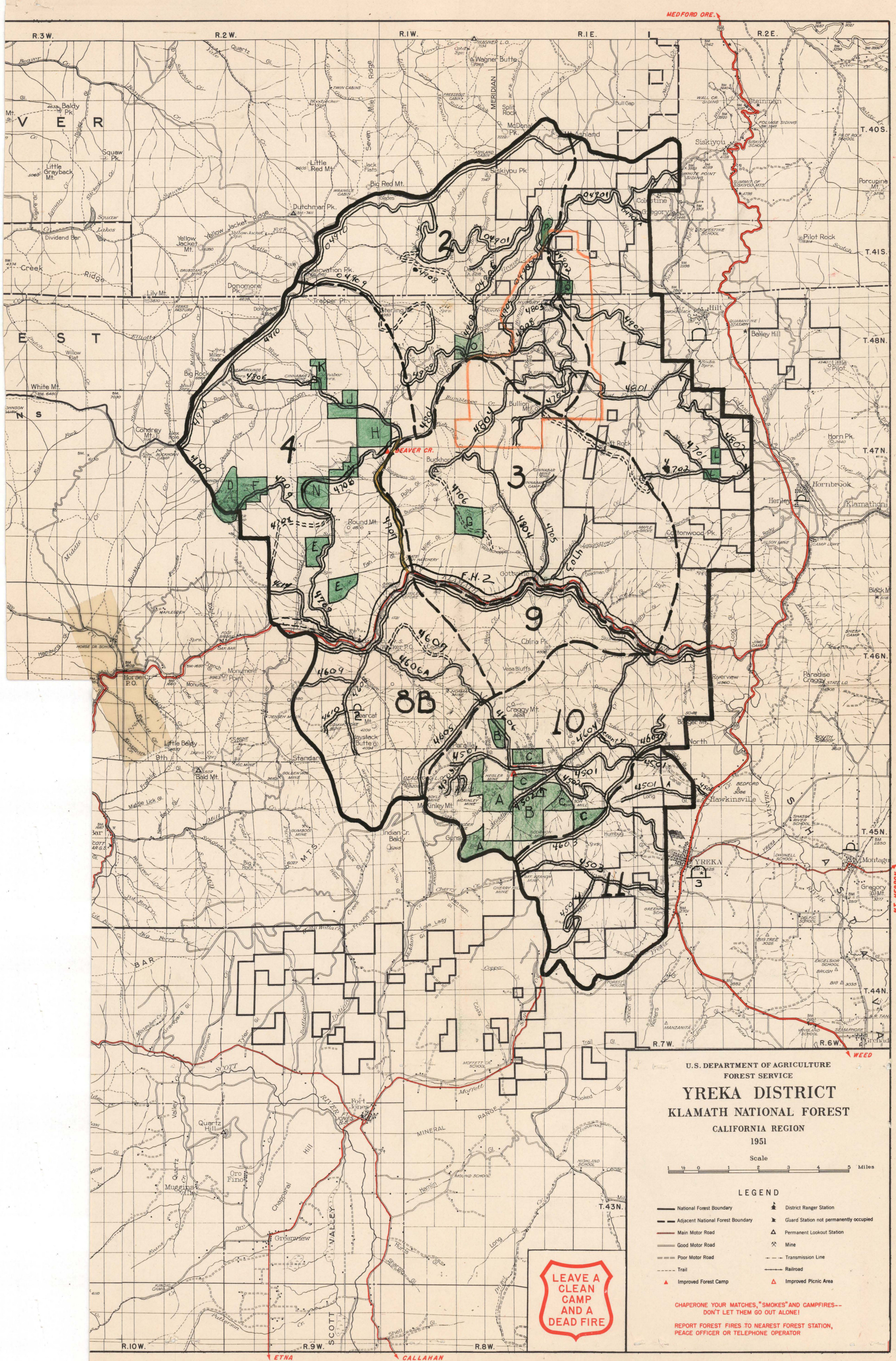
LEGEND

— National Forest Boundary	▲ District ranger station
— Adjacent National Forest boundary	○ Guard or ranger station not permanently occupied
— Good motor road	□ Permanent lookout station
— Poor motor road	△ Triangulation station
— Trail	△ Triangulation station and permanent lookout station
— Railroad	• House, cabin, or other building
— Supervisor's headquarters	— Main motor highway

40
39

137 N.
136 N.

Compiled at Regional Office, San Francisco, 1933 from
U. S. G. S. G. L. O. Forest Service, and other surveys
by C. J. Jackson
Forest Service plantable surveys under direction of
T. B. Littlefield, 1928-1933
Topographers: W. J. Lawson, S. N. Storer, R. H. Griffin





CUTTING BUDGET & ROAD SYSTEM


YREKA WORKING CIRCLE


KLAMATH NATIONAL FOREST

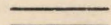
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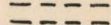
 Working Circle Boundary

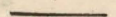

 Timber Management Unit Boundary


 Unit Number


 Proposed Sale Area


 Main Access Road - Existing


 Main Access Road - Proposed

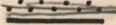
 Secondary Access Road - Existing
 Betterment 1953-57


 Secondary Access Road - Proposed

 Sawmills - 5MM or Better Annually

 Number of Sawmills in the Area

 Sawmills - Less than 5MM Annually

 ~~Marble Mt. Primitive Area Boundary~~

 Blister Rust Control Unit.
By Glenn Storms

S-PLANS-Klamath-Timber Management-Yreka Working Circle.
Map to accompany Streamline Management Plan dated 3/16/53.

Date- February 1953